

Receiving Report

Date: 14-10-10

Batch No: 130585

Supplier: ThyssenKrupp

Dart P/O: 25968

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☒ No ☐
 Receipt: Cash ☐ Cr ☒
 New Supplier Yes ☐ No ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC18 Inspection ☒ N/A ☒
 Work Order ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

SP

Production/Admin:

Date

Received/Costing

Initial

14-10-10

SP

Location

Page 1 of 1

All amounts are calculated in domestic currency.

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO25968	7		M6061T6S.032	sf	10/6/2014	10/10/2014	192.0000	\$1.58	0.0000	0	\$303.59
CAD	No		6061-T6 Sheet 0.032" sf m130585		192.0000	DESJ02		\$303.59	0.0000	0	
	8		M6061T6S.040	sf	10/6/2014	10/10/2014	192.0000	\$1.72	0.0000	0	\$329.30
	No		6061-T6 .040 Sheet m130585	sf	192.0000	DESJ02		\$329.30	0.0000	0	
	9		M7075T6B1.750X04. f 500	f	10/6/2014	10/10/2014	12.0000	\$41.37	0.0000	0	\$496.45
	No		7075-T6 BAR 1.750" f X 4.500" material by supplier m130585		12.0000	DESJ02		\$496.45	0.0000	0	
	12		M7075T6B3.000X04. f 500	f	10/6/2014	10/10/2014	16.0000	\$62.39	0.0000	0	\$998.26
	No		7075-T6 BAR 3.000' f X 4.500" m130585		16.0000	DESJ02		\$998.26	0.0000	0	
	13		71401-45		10/6/2014	10/10/2014	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT QUALITY CLAUSES m130585		1.0000	DESJ02		\$0.00	0.0000	0	
Total Received Quantity:											413.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$2,127.60
Total Balance Due Quantity:											0.0000

B I L L O F L A D I N G

No: PEC 900179

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 08Oct14 at 15:05 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-727686- 2 Your PO # 25968
ALUMINUM SHEET 6061 T6

.0400 Nom X 48.0000" X 144.0000"

Heat Number Tag No
397973 340921

Quantity PCS Wt LBS
192.00 SFT 4 108

TOTAL: Tags 1 PCS 4 LBS 108

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

BACK ORDER FROM OUR PREVIOUS B/L# 899977

TOTAL 1 SKID GW. 250 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

Page: 1Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

1 crate R-13a

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Guillane Auch.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

B I L L O F L A D I N G

No: PEC 900179

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 08Oct14 at 15:05 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

ADDED TO EVERY ORDER.***

Page: 2 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
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No: PEC 899977

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 07Oct14 at 15:26 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-727686- 1 Your PO # 25968
ALUMINUM SHEET 6061 T6

.0320 Nom X 48.0000" X 144.0000"

Heat Number Tag No
350237 340464

Quantity PCS Wt LBS
192.00 SFT 4 87

2) Our Order PEC-727686- 2 Your PO # 25968
ALUMINUM SHEET 6061 T6

.0400 Nom X 48.0000" X 144.0000"

B/O

3) Our Order PEC-727686- 3 Your PO # 25968
Part # AMS 4045 QQ-A-225/12 PLATE Rel #

ALUMINUM PLATE 7075-T651

1.750" THICK X 4.5000" X 144.0000"

Heat Number Tag No
188531 340465

Quantity PCS Wt LBS
4.50 SFT 1 121

4) Our Order PEC-727686- 4 Your PO # 25968
Part # AMS 4045 QQ-A-225/12 PLATE Rel #

ALUMINUM PLATE 7075-T651

3.00" THICK X 4.5000" X 96.0000"

Heat Number Tag No
618471 340466

Quantity PCS Wt LBS
6.00 SFT 2 274

TOTAL: Tags PCS Wt LBS
3 7 482

Heat Number *** Chemical Analysis ***

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
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REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

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Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

=====

B I L L O F L A D I N G

350237

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 BDL, 2 SKIDS GW. 640 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 2 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

DAVENPORT WORKS 4879 State Street Belvidere, IA 52722

Ind. Zambetti

Ship Date	B/L No.	Invoice No.	Aleon No.	Item
2013-05-20	7979559	0000	1000473735-1	DP-73735-2
P.O. No./Cont Contract No.	Customer	Alecon Item		
3480-4948 Lot#: 1	CHARLESTON ALUMINUM 6061025475R10			

Page 1 of 2

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Item Description
0.032 IN TK (+0.0000 -.0025) X 48.0 IN W (+.046675 -
.046675) CMT X D152049 (N) 2/7 5061-N6 COIL
SHRST FOR DISTRIBUTORS NOTICEABLE.
0064027 REV X 4596309 REV 1D (NONT
MARKED) LIGHTEN OILHD CMT. 874885. ID
20 IN COIL WEIGHS: MAX 7500 LB. MAX GROSS SIZED WGT: 8000 LB QUNTN TOL +/-
30 % QUN D152049 REV 33 CUST REQ 13-05-
30 *** N/E 13-05-25 ***

```

ECAD Del.: 2403424515
tOr 261845
te 10/01/2014

CstOr 261845

CstOr 261845
Date 10/01/2014

4) TOMMY CRANFORD
ADMINISTRATION DEPT.
CHARLESTON ALUMINUM, LLC

Wgt.: 86.704 LB

CERTIFIED INSPECTION REPORT

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements of the contract, including any special conditions forming a part of the description and that samples representative of the material have been compared with the mechanical properties shown on the face of this sheet. This test report shall not be repeated except in a test without the approval of the Quality Department. No alteration shall be made in this report or in the material to which it applies. The recording of false, misleading or otherwise fraudulent statements or omissions on this certificate by any recipient may be punishable by a felony under applicable law.

Redd Alford

Rob Woodall

James Hagan

Page 2 of 2

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

1523513

B.I. No.

Invoice No.

Alcoa No. Item

2013-05-20

7979539

0000

100473735-1

DE-73735-1

P.O. No./Buyer Contract No.

Customer

Alcoa Item

3480-1649 Lmt: 1

CHARLESTON ALUMINUM 6041015475810

FOR: D152049.33 - Specification Limits (cont.)

Lot: 350237 - Mechanical, Physical, Metallurgy, Quantometer Results

Temp	DLT	No.2	UTS	YS	ELAD
16	Long Transv.	2	KSI	KSI	PER
			48.8	40.3	13.7
			48.8	39.8	14.1

Cast Number	Chemical	OES	SI	FE	CU	MG	CR	ZN	GP
13740043	Actuals		0.64	0.4	0.24	0.06	1.0	0.17	0.02

This material was melted in the United States or a Qualifying Country (see DENAS 225.672.1(a)); it was manufactured in the United States

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403424515

CstAr

CstOr 261845

Wgt.: 86.704 LB

Date 10/01/2014

John L. Zumbatti



North American
Rolled Products
Customer Sales & Service
4670 State Street
PO Box 8001
Battendorf, IA 52722
Tel: 1-800-523-9596
Fax: 1-577-359-1450

May 7, 2013

Charleston Aluminum

RE: REACH Status of aluminum sheet and plate – Davenport Works

Regarding your inquiry on the status of the above referenced aluminum sheet and plate you purchase from Alcoa, please be assured that these products are in compliance with REACH. Aluminum sheet and plate is considered an article and as such, aluminum sheet and plate and further processed articles are not subject to registration.

Alcoa, Inc. is aware of and familiar with the requirements of Regulation (EC) No. 1907/2006 (REACH). Consistent with the definition of "article" under Article 3 of the REACH regulations and also consistent with Information in REACH Implementation Project 3.8, rolled, extruded, cast, forged aluminum stock, including the above reference aluminum sheet and plate, is an article and as such, cannot be pre-registered with the European Chemical Agency (ECHA). The requirements of Article 7 of REACH (Registration and notification of substances in articles) do not apply to the above products.

Alcoa is monitoring the substances on the candidate list, which will be modified periodically. Our products do not contain any substances currently on the candidate list as updated by the ECHA on June 18, 2012. Also, we do not expect the substances in any of our products to be included in the candidate list in the future.

General Alcoa REACH information can be found at
http://www.alcoa.com/global/en/environment/reach_europe.asp.

If you have any question regarding Alcoa products and REACH, you can
Address your commercial contact or the Alcoa REACH Team at
REACHTeam@alcoa.com.

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403424515

CstAr CstOr 261845

Wgt.: 86.704 LB Date 10/01/2014

Certificate of Compliance
European Environmental Legislation
RoHS Directive 2011/65/EU

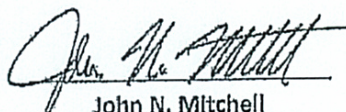
Issued by: Alcoa Inc., Davenport Works
4879 State Street, Riverdale, Iowa 52722

I hereby certify that the metals supplied by Davenport Works meet the intent of RoHS Directive 2011/65/EU of June 8, 2011.

That is, Alcoa Inc, Davenport Works does not intentionally add any of the RoHS Directive 2011/65/EU banned substances, listed below, to any metal produced. However, there may be trace amounts of the banned substances present at levels below those listed in the table below.

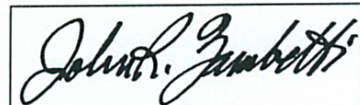
Substance	Maximum Concentration
Lead	0.1%
Mercury	0.1%
Cadmium	0.01%
Hexavalent Chrome	0.1%
Polybrominated biphenyls (PBB)	0.1%
Polybrominated diphenyl ethers (PBDE)	0.1%

Issued by: John N. Mitchell



John N. Mitchell
Environmental Specialist
Alcoa Inc., Davenport Works

From: ThyssenKrupp Materials NA
Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403424515
CstAr CstOr 261845
Wgt.: 86.704 LB Date 10/01/2014





CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC



COPPER & BRASS SALES, INC.
5 STERLING DRIVE
WALLINGFORD CT

06492-2438



COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI

48086

COPPER&BR C37302 4075 INCLUSION SERIAL#: 20140626C37302 PAGE 1 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM				Constellium ORDER NO.	
5400219208				235-473897	
ALLOY	CLAD	TEMPER	GAUGE	WIDTH	LENGTH
7075	00	T651	1.78000	48.500	144.500
ITEM ORDERED					
MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL					
CUSTOMER SPECIFICATION					
AMS-QQ-A-250/12 REV. A					
PART NUMBER		B/L NUMBER		DATE SHIPPED	
ALFLR00996		C37300		06/30/14	
WEIGHT SHIPPED		NO. OF PIECES		GOVT. CONTRACT NO.	
11,730		9			

CERTIFICATION

"Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination."

Constellium Rolled Products Ravenswood, LLC
859 Century Road
P.O. BOX 68
RAVENSWOOD, WV 26164 USA

Steve Good
Steve Good - Laboratory Manager

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.									
188531	LT	2	***** T651 80.2	80.6	69.7	70.4	***** 11.5	12.5											
All material contained in lot 188531 was cast and manufactured in the USA.																			
188551	LT	2	80.8	81.0	70.6	70.9	11.0	11.5											
All material contained in lot 188551 was cast and manufactured in the USA.																			
188561	LT	2	80.4	80.8	70.0	70.2	11.5	12.0											
All material contained in lot 188561 was cast and manufactured in the USA.																			
ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS																			
ASTM B209-10, AMS 4045K																			
CHEM COM P	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
		SEE ACTUAL CHEMICAL COMPOSITION																	
ALUMINUM REMAINDER																			

P-850-155D Revised: 02.2014

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403424765

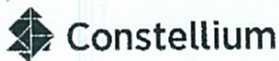
CstAr

CstOr 261845

Wgt.: 121.125 LB

Date 10/02/2014

John L. Zambetti



CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC



COPPER & BRASS SALES, INC.
5 STERLING DRIVE
WALLINGFORD CT

06492-2438



COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI

48086

COPPER&BR C37302 4075 INCLUSION SERIAL#: 20140626C37302 PAGE 2 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM				Constellium ORDER NO.	
5400219208				235-473897	
ALLOY	CLAD.	TEMPER	GAUGE	WIDTH	LENGTH
7075	00	T651	1.78000	48.500	144.500
ITEM ORDERED					
MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL					
CUSTOMER SPECIFICATION					
AMS-QQ-A-250/12 REV. A					
PART NUMBER		B/L NUMBER		DATE SHIPPED	
ALFLR00996		C37300		06/30/14	
WEIGHT SHIPPED		NO. OF PIECES		GOVT. CONTRACT NO.	
11,730		9			

CERTIFICATION
"Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination."

Constellium Rolled Products Ravenswood, LLC
859 Century Road
P.O. BOX 68
RAVENSWOOD, WV 26164 USA

Steve Good
Steve Good - Laboratory Manager

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS											
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX										
ACTUAL CHEMICAL COMPOSITION																				
188531	C	SI= 0.09 CR= 0.21 OTHERS-EACH: .05 MAX.	FE= 0.16 ZN= 5.65	CU= 1.56 TI= 0.03	MN= 0.03 ZR= 0.01	MG= 2.66	AL	REMAINDER												
188551	C	SI= 0.09 CR= 0.21 OTHERS-EACH: .05 MAX.	FE= 0.16 ZN= 5.65	CU= 1.56 TI= 0.03	MN= 0.03 ZR= 0.01	MG= 2.66	AL	REMAINDER												
188561	C	SI= 0.09 CR= 0.21 OTHERS-EACH: .05 MAX.	FE= 0.16 ZN= 5.65	CU= 1.56 TI= 0.03	MN= 0.03 ZR= 0.01	MG= 2.66	AL	REMAINDER												
ALUMINUM REMAINDER																				
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS		
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.	
SEE ACTUAL CHEMICAL COMPOSITION																				

P-860-155D Revised: 02/2014

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403424765

CstAr

CstOr 261845

Wgt.: 121.125 LB

Date 10/02/2014

John R. Zambetti



CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC



COPPER & BRASS SALES, INC.
5 STERLING DRIVE
WALLINGFORD CT

06492-2438



COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI

48086

COPPER&BR C37302 4075 INCLUSION SERIAL#: 20140626C37302 PAGE 3 OF 3

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ITEM ORDERED					
MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL					
CUSTOMER SPECIFICATION					
AMS-QQ-A-250/12 REV. A					
PART NUMBER		B/L NUMBER		DATE SHIPPED	
ALFLR00996		C37300		06/30/14	
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Constellium Rolled Products Ravenswood, LLC
859 Century Road
P.O. BOX 68
RAVENSWOOD, WV 26164 USA

Steve Good
Steve Good - Laboratory Manager

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX									
THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.																			
CHEMISTRY BY OES: ARKSPARK																			
CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT.																			
WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399.																			
WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557.																			
Mark Paperwork: ALFLR00996																			
DUNS Number: 090570149; CAGE Code: 1YWL9																			
Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product.																			
"END OF CERTIFICATION"																			
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
		SEE ACTUAL CHEMICAL COMPOSITION																	
		ALUMINIUM REMAINDER																	

P-860-155D Revised: 02.2014

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403424765

CstAr

CstOr 261845

Wgt.: 121.125 LB

Date 10/02/2014

John R. Zambetti

CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material meet the composition limits and had the mechanical properties shown on the face of this label.

This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition, or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or omissions on this certificate by any recipient may be punished as a felony under applicable law.

Per:

Rob Woodall
Director of Manufacturing Davenport Works

Terrance Thom
Quality Assurance Manager

Page 1 of 2

1658865 Ship Date 0 B.L. No. Invoice No. Alcoa No. Item
2013-11-16 8907993 00000 1000534283-2 DP-34283-2
P.O. No./Govt Contract No. Customer Alcoa Item
5400198275 Lmt: 0020 C&B G041044568R07

Ship To: COPPER & BRASS SALES INC

5 STERLING DR
WALLINGFORD 06492 CT

Item Description
3.03 IN TK (+.170 -0.00) X 60.5 IN W (+.375 -
0.000) X 144.5 IN LN (+.5 -0.0) CMT X 090980-4 (N) A/T 7075-
T651 RECTANGULAR MILI FINISH, SAMED. EXC TK TL AMS-QQ-A-
250/12 IS 2007 EXC MKR, OIL, TK TL AMS4045 REV K EXC MKR,
TK TL ASTM209 REV 10 ((MARKED)) KRAFT PAPER
INTERLEAVED MAX
GROSS SKID WGT: 4500 LB QUAN TOL +/-30 %
CQR 0202271 REV 07 CUST REQ 13-11-
13 *** W/E 13-11-16 ***

Num	Package Ticket	Lot	Weight	Quantity	UOM	Inspector	Clock Numbers
1	578161	616471	2775	1	PC	47423	
2	578195	616472	2771	1	PC	47423	
3	578199	616471	2773	1	PC	47423	
4	578200	616472	2775	1	PC	47423	
			11094	4			

Notes for CQR: 0202271.7
PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/12 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/12F. PROD UCT
PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/12 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/12.

CQR: 0202271.7 -Specification limits

Temp Dir	UTS	TYS	ELAD
T651 Long Transv.	KSI	KSI	PCT
Max	71.0	58.0	5
Min			

Custor 261845
Date 10/03/2014

From: ThyssenKrupp Materials NA
Cust. THYSSENKRUPP MATERIALS NA - ECAD
Del.: 24034424495

John R. Smith

CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material meet the composition limits and had the mechanical properties shown on the face of this sheet.

This report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Director of Manufacturing Davenport Works

Quality Assurance Manager

Page 2 of 2

165865 Ship Date 0 B.L. No. Invoice No. Alcoa No. Item
 2013-11-16 8907993 00000 1000534283-2 DP-34283-2
 P.O. No./Govt Contract No. Customer Alcoa Item
 5400198275 Ln#: 0020 C&B G041044568R07

CQR: 0202271.7 - Specification Limits (cont.)

Chemical Composition

Alloy 7075 Max SI FE CU MN MG CR ZN TI Other
 Lot: 616471 Min 0.40 0.50 2.0 0.30 2.9 0.28 6.1 0.20 0.05 0.15
 - Mechanical, Physical, Metallography, Quantometer Results
 REMAIN

Temp Dir Long Transv. 3 Test UTS KSI TYS PCT ELAD
 77.7 78 67.5 10.3
 77.6 67 9.9
 9.8

Cast Number H9244026 Chemical - OBS SI FE CU MN MG CR ZN TI
 Lot: 616472 Actuals 0.07 0.28 1.5 0.02 2.5 0.19 5.6 0.02
 - Mechanical, Physical, Metallography, Quantometer Results

Temp Dir Long Transv. 3 Test UTS KSI TYS PCT ELAD
 77.9 77.9 67.2 10.2
 77.9 67.5 10.2
 77.9 67.5 9.4

Cast Number H9244026 Chemical - OBS SI FE CU MN MG CR ZN TI
 Actuals 0.07 0.28 1.5 0.02 2.5 0.19 5.6 0.02

This material was melted in the United States or a Qualifying Country [REF DPAARS 225.972.1(a)]; it was manufactured in the United States

From: ThyssenKrupp Materials NA
 Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403424495
 CstAr 261845
 Date 10/03/2014
 Wgt.: 274.254 LB

John J. Smith

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 17075 TL6B3.000x4.500

PO / BATCH NO.: 025963/1180585

DATE: 14-10-22

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 16 Ft
 QUANTITY INSPECTED: 16 Ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 3.00"
 THICKNESS RECEIVED: 3.00"
 SHEET SIZE ORDERED:
 SHEET SIZE RECEIVED:

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	<u>H# 66471</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	<u>17075 TL6 3.00 x 4.500</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	<u>1180585</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.
 RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: PD

SIGNED OFF BY:

DATE: 14-10-22

DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 417075 T6B1.750 x 4.500

PO / BATCH NO.: 1025968 / M130585

DATE: 14-10-20

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.750"
 THICKNESS RECEIVED: 1.750"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	Y <input checked="" type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	Y <input checked="" type="radio"/> N	
CORRECT THICKNESS	Y <input checked="" type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	Y <input checked="" type="radio"/> N	QQ-A-250/12
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/> N	188531
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/> N	417075 T6B1.750 x 4.500
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/> N	M130585
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>14-10-21</u>	SIGNED OFF BY: _____
DATE: <u>14</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T65.040
 DATE: 14.10.20

PO / BATCH NO.: 025964 / M130585

MATERIAL CERT REC'D: Y
 QUANTITY RECEIVED: 192 sq/ft
 QUANTITY INSPECTED: 192 sq/ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .040"
 THICKNESS RECEIVED: .040"
 SHEET SIZE ORDERED: 4'x8'
 SHEET SIZE RECEIVED: 4'x8'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>(N)</u>	
CORRECT FINISH	<u>(Y)</u> N	
CORROSION	Y <u>(N)</u>	
CORRECT GRAIN DIRECTION	<u>(Y)</u> N	
CORRECT MATERIAL	<u>(Y)</u> N	
CORRECT THICKNESS	<u>(Y)</u> N	
PHOTO REQUIRED	<u>(Y)</u> <u>(N)</u>	
CORRECT MATERIAL	<u>(Y)</u> N	AMS 4027
CORRECT REF # TO LINK CERT	<u>(Y)</u> N	350237
CORRECT MATERIAL IDENTIFICATION	<u>(Y)</u> N	M6061T65.040
CORRECT M# ON THE MATERIAL	<u>(Y)</u> N	M130585
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>PD</u>	SIGNED OFF BY: _____
DATE: <u>14.10.20</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6 .032"
 DATE: 14-10-20

PO / BATCH NO.: P025968 / M130585

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 192 sq/ft
 QUANTITY INSPECTED: 192 sq/ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .032"
 THICKNESS RECEIVED: .032"
 SHEET SIZE ORDERED: 4'x8'
 SHEET SIZE RECEIVED: 4'x8'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL	(Y) N	
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	(Y) N	AMS4027
CORRECT REF # TO LINK CERT	(Y) N	350237
CORRECT MATERIAL IDENTIFICATION	(Y) N	M6061T6 .032"
CORRECT M# ON THE MATERIAL	(Y) N	M130585
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>PD</u>	SIGNED OFF BY: _____
DATE: <u>14-10-20</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO25968**

Purchase Order Date 9/30/2014

PO Print Date 10/1/2014

Page Number 3 of 5

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

VENDOR'S TRUCK

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

Line Total: \$54.60

6 M6061T6R3.500

6061 RD bar 3.50

10/6/2014

Yes

10/6/2014

6.00

f

\$28.20

\$169.20

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$169.20

7 M6061T6S.032

6061-T6 Sheet 0.032"

10/6/2014

Yes

10/6/2014

192.00

sf

\$1.77

\$340.00

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

DAS
9
9.89

14-10-22

Line Total: \$340.00

Note:

10/1/2014



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO25968

Purchase Order Date 9/30/2014

PO Print Date 10/1/2014

Page Number 4 of 5

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

VENDOR'S TRUCK

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

8	M6061T6S.040	6061-T6 .040 Sheet	10/6/2014	192.00	\$1.92	\$368.80
			Yes	sf		
			10/6/2014			

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

DAS
9
9-89
14-10-22

SP14-10-10

Line Total: \$368.80

7	M7075T6B1.750X04.500	7075-T6 BAR 1.750" X 4.500" material by supplier	10/6/2014	12.00	\$46.33	\$556.00
			Yes	f		
			10/6/2014			

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR PER AMS-QQA-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11
OR FROM PLATE QQ-A-250/12

DAS
9
9-89
14-10-22

SP14-10-10

Line Total: \$556.00

12	M7075T6B3.000X04.500	7075-T6 BAR 3.000' X 4.500"	10/6/2014	16.00	\$69.88	\$1,118.00
			Yes	f		
			10/6/2014			

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR PER AMS-QQA-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11
OR FROM PLATE QQ-A-250/12

2 PCS OF 8 FT

DAS
9
9-89
14-10-22

SP14-10-10

Note:

10/1/2014



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO25968**

Purchase Order Date 9/30/2014

PO Print Date 10/1/2014

Page Number 5 of 5

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

VENDOR'S TRUCK

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

Line Total: \$1,118.00

13 71401-45

PROCUREMENT
QUALITY CLAUSES

10/6/2014

1.00

\$0.00

\$0.00

No

10/6/2014

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality document

Line Total: \$0.00

PO Total: \$3,822.05

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr:

4

Change Date: 10/1/2014